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Atty. Dkt. No. 029471-0168

DT09 Rec'd PCT/PTO 10 SEP 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hiroyuki TAKAHASHI, et al.

Title: SEMICONDUCTOR MEMORY DEVICE AND  
SEMICONDUCTOR MEMORY DEVICE CONTROL METHOD

Appl. No.: Unassigned

Filing Date: September 10, 2004

Examiner: Unassigned

Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

Document A1 is a U.S. counterpart of Document A20.

Document A2 is a U.S. counterpart of Document A19.

Documents A3, A4, A5, A11, A12, A16 and A18 are U.S. counterparts of Document A30.

Document A6 is a U.S. counterpart of Document A22.

Documents A7 and A14 are U.S. counterparts of Document A28.

Documents A8 and A18 are U.S. counterparts of Document A26.

Document A9 is a U.S. counterpart of Document A23.

Document A10 is a U.S. counterpart of Document A24.

Document A15 is a U.S. counterpart of Document A27.

Document A17 is a U.S. counterpart of Document A25.

Any document listed on the attached PTO/SB/08 was cited as being relevant during the prosecution of the corresponding Japanese application. A copy of the Japanese Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English translation of the foreign-language documents are not readily available; however, the absence of such translation does not relieve the PTO from its duty to

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consider any submitted document (37 CFR §1.98 and MPEP §609). English language abstracts are attached.

Applicants respectfully request that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date: September 10, 2004

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5407  
Facsimile: (202) 672-5399

By David A. Blumenthal  
for David A. Blumenthal  
Attorney for Applicant  
Registration No. 26,257

Reg No.  
38,819

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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Date Submitted: September 10, 2004

(use as many sheets as necessary)

Sheet 1 of 1

Complete Known

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Application Number	Unassigned
Filing Date	September 10, 2004
First Named Inventor	Hiroyuki TAKAHASHI
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	029471-0168

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	2002/33721	A1	TACHIMORI	03-21-2002	
	A2	2002/21159	A1	TAKAHASHI	02-21-2002	
	A3	6,363,029	B1	WATANABE et al.	03-26-2002	
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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A19	JP	2002-124858	A	NEC CORP.	04-26-2002		
	A20	JP	2002-050945	A	SONY CORP.	02-15-2002		
	A21	JP	8-340238	A	TOSHIBA MICRO-ELEC.	12-24-1996		
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	A28	JP	3-273594	A	HITACHI LTD.	12-04-1991		
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	A30	JP	2-000350	A	HITACHI, LTD.	01-05-1990		

## NON PATENT LITERATURE DOCUMENTS

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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